WAP 404

Wireless 802.11b+g Access Point

The **WAP404** is an IEEE802.11g compliant Access Point, which provides superior performance and interoperability within a mixed mode network (802.11b, b+, mixed, 802.11g). The **WAP404** is backwards compliant with all 802.11b and 802.11b+ wireless equipments, making it a seamless integrator for the most popular wireless networks. The **WAP404** enables any organization to quickly set-up a new local area network with the versatility and mobility of wireless technology that provides a high-speed transfer rate up to 54Mbps.

Besides the 64/128/256bit **WEP** encryption, the **WAP404** provides highly secure 802.1x-based WLAN security with auto key management, using an efficient encryption key rotation scheme. For small and medium businesses, the **WAP404** offers Radius-based access control, featuring enterprise-class solutions. Plus, the included web-based management delivers the flexibility and freedom of anytime, anywhere remote management.

Features

- High speed for wireless LAN connection up to 54 Mbps
- Supports web browser-based configuration utility
- Provides 64/128/256bit WEP Encryption
- Provides MAC Address Filtering
- Provides IEEE 802.1x, enhancing WLAN security
- AP Visibility Modes
- Multiple transmit power levels

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Specification

Standards	IEEE 802.11g IEEE 802.11b IEEE 802.11 IEEE 802.3u 100Base-TX Fast Ethernet ANSI/IEEE 802.3 N-way Auto-Negotiation
Channels & Frequency	▪ USA, Canada (FCC): 11 channels (2.412GHz~2.462GHz) ▪ Europe (CE): 13 channels (2.412GHz~2.472GHz)
Modulation Technique	▪ 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)
	▪ 802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK)
Transmission Rate	802.11b/b+/g transmission rate (1, 2, 5.5, 6, 9, 11, 12, 18, 22, 24, 36, 48, 54 Mbps) using Barker, CCK, OFDM and Ti's PBCC modulation
	Ti's 802.11g+ enhanced mode
	802.11g ERP protection
Operation Mode	b only, b+, Mixed, g only,
	Dynamic handling of PBCC/CCK mixed network interoperability in b+ mode
	802.11b/g-to-802.3 packet translation
Wireless Security	64/128/256bit WEP encryption 64-entry MAC Address black/white list 64-entry associated stations list Open and Shared key authentication WPA (Wi-Fi Protected Access) 802.1x authentication of station with RADIUS server Key distribution EAPOL frame handling
Management	Web-Based configuration and management
Function	802.11d Multiple Regulatory Domains Access Point Radio enable/disable Power-saving operation Multiple transmit power levels Hidden SSID Multiple SSID Intra-BSS bridging Configurable fragmentation & de-fragmentation Configurable RTS/CTS access Configurable and auto-negotiated Long and Short preambles
Antenna	One external , one internal antennas
Button	One Factory Reset button
LED indicators	Power — On: Power on StateErr — On: System Error Wireless Link Act — On: Link / Off: Not Link / Blinking: Active LAN Link/Act — On: Link / Off: Not Link / Blinking: Active
LAN/WAN Host Interface	One 10/100Mbps RJ 45 WAN port
Power	9.0VDC, 1A.
Physical Dimension	130 x 90 x 30(mm) (Width x Depth x Height)
Weight	150g
Safety & Emission	FCC CE DGT

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